

Title (en)  
Apparatus and method for data packing through addition

Title (de)  
Anlage und Verfahren zur Datenpackung durch Addition

Title (fr)  
Dispositif et méthode de paquetage de données par addition

Publication  
**EP 0752800 A2 19970108 (EN)**

Application  
**EP 96110753 A 19960703**

Priority  
US 49862095 A 19950707

Abstract (en)  
A scalable packing circuit used to byte pack data transferred from a first storage element to a second storage element. The packing circuitry comprises a word packing circuit which receives data packets of a first bit width and stores them as data packets of a second bit width equivalent to the bit width of the second storage element. Concurrently, the word packing circuit eliminates invalid words included within the data packets from the first storage element. The packing circuit also includes a byte packing circuit which removes invalid bytes within the data packets of the second bit width before transferring the data to the second storage element for contiguous storage. <IMAGE>

IPC 1-7  
**H04Q 11/04**

IPC 8 full level  
**G06F 13/36** (2006.01); **G06F 13/38** (2006.01); **H04L 12/56** (2006.01); **H04Q 11/04** (2006.01)

CPC (source: EP US)  
**H04Q 11/0478** (2013.01 - EP US); **H04L 2012/5616** (2013.01 - EP US); **H04L 2012/5619** (2013.01 - EP US)

Cited by  
US6111899A; EP0862348A1; US6311239B1; EP0788043A3; US6813734B1; US6965606B2; US6169736B1; WO02060101A3; WO2004006540A3

Designated contracting state (EPC)  
DE FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0752800 A2 19970108**; **EP 0752800 A3 19990922**; **EP 0752800 B1 20040102**; DE 69631226 D1 20040205; JP 3761980 B2 20060329; JP H09224041 A 19970826; US 5638367 A 19970610

DOCDB simple family (application)  
**EP 96110753 A 19960703**; DE 69631226 T 19960703; JP 19527996 A 19960708; US 49862095 A 19950707